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Our File No. 9281/4579
Client Reference No. N US02005

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa and Masamichi Saito for GMR Magnetic Detecting Element Comprising Current Limiting Layer Provided in Free Magnetic Layer and Method of Manufacturing the Detecting Method.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 107 pages of application (including title page AND ABSTRACT), 21 sheet(s) of [formal] drawings and the following Appendices: N/A
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: ALPS ELECTRIC CO., LTD.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2002-184044
- ☒ Information Disclosure Statement, PTO-1449, and reference A1-A4

Claims as Filed			Small Entity		or	Other Than Small Entity	
For	Col. 1	Col. 2	Rate	Fee		Rate	Fee
Basic Fee	No. Filed	No. Extra		\$ 370	or		\$ 750
Total Claims	42-20	22	x\$9=	\$	or	22x\$18=	\$396
Indep. Claims	6-3	3	x\$42=	\$	or	3x\$84=	\$252
Multiple Dependent Claims Present			+\$140=	\$	or	+\$280=	\$
*If the difference in col. 1 is less than zero, enter "0" in col. 2.			Total	\$	or	Total	\$1398

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1398.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
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 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

6/25/03

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